

# CROP-WEATHER REPORT

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Released: 2:00 p.m., MST, July 19, 2004  
For Week Ending: July 18, 2004

ISSUED: WEEKLY: Apr-Oct  
MONTHLY: Nov-Mar



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## Agricultural Summary

There were 6.8 days suitable for fieldwork for the week ending July 18<sup>th</sup>. Glendive saw the most precipitation with 0.9 inches. Havre had Montana’s highest temperature of 103 degrees. Montana’s high temperatures were in the low 90's to low 100's. Wisdom had the state’s coldest temperature of 34 degrees, while most of Montana had lows from the low 40's to mid 50's. Montana’s forecast for the week of July 26<sup>th</sup> through August 2<sup>nd</sup> shows near normal temperatures and precipitation for the western part of the state, while the eastern part of the state should expect above normal temperatures and near normal precipitation. Normal temperatures for this period range from highs in the upper 70's to upper 80's and lows from the lower 40's to the lower 60's.

### Soil Moisture Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Topsoil Moisture</b>				
Very Short	15	8	45	27
Short	36	29	38	41
Adequate	46	59	17	31
Surplus	3	4	0	1
<b>Subsoil Moisture</b>				
Very Short	27	27	36	33
Short	39	33	40	39
Adequate	34	40	24	27
Surplus	0	0	0	1

## Field Crops and Livestock Report

The hot and dry weather during the past week increased crop development and caused slight improvements in crop conditions for the majority of the small grains. **Winter wheat** is 70 percent turning color and 1 percent ripe, which is significantly behind last year and the five-year average. **Spring wheat** is 95 percent boot stage, and 84 percent headed which is close to the five-year average. **Durum wheat** is 74 percent boot stage, and 52 percent headed, which is significantly behind last year due to late plantings, which were caused by the abundance of wet weather. **Barley** is 98 percent boot stage, 89 percent headed, and 12 percent turning, which is slightly ahead of last year and the five-year average. **Oats** condition improved slightly this week, but is still below last year and the five-year average.

**Potato** and **Sugar beet** conditions went down slightly this week, due to the hot and dry weather. **Corn** condition continues to trail last year and the five-year average.

### Crop Stages Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat</b>				
Turning	70	42	93	89
Ripe	1	N/A	26	19
<b>Spring Wheat</b>				
Boot Stage	95	85	96	96
Headed	84	62	90	86
Turning	3	N/A	N/A	N/A
<b>Durum Wheat</b>				
Boot Stage	74	49	95	N/A
Headed	52	19	68	N/A
<b>Barley</b>				
Boot Stage	98	94	92	94
Headed	89	70	88	85
Turning	12	N/A	33	35
<b>Oats</b>				
Boot Stage	94	80	92	94
Headed	73	43	83	83
Turning	11	N/A	28	33
<b>Hay - First Cutting</b>				
Alfalfa Hay	82	63	95	87
Other Hay	66	46	81	67
<b>Hay - Second Cutting</b>				
Alfalfa Hay	1	N/A	4	4

**Range and pasture feed condition** improved slightly this week with help from the warmer weather.

### Livestock Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Range &amp; Pasture Feed Condition</b>				
Very poor	12	18	9	14
Poor	18	21	21	22
Fair	38	31	37	32
Good	27	25	28	27
Excellent	5	5	5	5
<b>Livestock Moved to Summer Ranges</b>				
Sheep & Lambs	99	98	100	100

### Crop Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat - Condition</b>				
Very Poor	4	4	4	11
Poor	8	7	8	21
Fair	29	22	31	34
Good	43	60	46	28
Excellent	16	7	11	6
<b>Spring Wheat - Condition</b>				
Very Poor	2	3	3	8
Poor	7	5	12	13
Fair	30	25	31	31
Good	55	61	49	42
Excellent	6	6	5	6
<b>Durum Wheat - Condition</b>				
Very Poor	1	3	6	N/A
Poor	9	13	8	N/A
Fair	28	30	25	N/A
Good	49	38	56	N/A
Excellent	13	16	5	N/A
<b>Barley - Condition</b>				
Very Poor	2	1	5	8
Poor	6	4	13	17
Fair	31	26	27	33
Good	50	57	42	35
Excellent	11	12	13	7
<b>Oats - Condition</b>				
Very Poor	5	10	3	5
Poor	11	10	9	9
Fair	33	29	24	29
Good	46	45	51	47
Excellent	5	6	13	10
<b>Sugar Beet - Condition</b>				
Very Poor	11	9	0	0
Poor	19	19	1	7
Fair	36	31	16	24
Good	31	34	41	42
Excellent	3	7	42	27
<b>Corn - Condition</b>				
Very Poor	7	6	2	0
Poor	17	21	2	3
Fair	43	47	8	24
Good	31	25	46	50
Excellent	2	1	42	23
<b>Dry Beans - Condition</b>				
Very Poor	1	1	0	0
Poor	11	11	3	4
Fair	33	44	21	31
Good	52	42	65	57
Excellent	3	2	11	8
<b>Potatoes - Condition</b>				
Very Poor	0	0	0	0
Poor	4	2	0	1
Fair	13	8	15	14
Good	46	50	62	56
Excellent	37	40	23	29

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT <http://www.nass.usda.gov/mt/>

Compiled and Summarized by:  
Montana Agricultural Statistics Service

In conjunction with:  
MSU Extension Agents

USDA County Service Centers  
National Weather Service

# Weather Information Table For Week Ending 6:00 p.m. MST, July 17, 2004 1/

STATION	TEMPERATURE PAST WEEK			PRECIPITATION						
				Past Week	April 1, 2004 to Date			October 1, 2003 to Date		
	High	Low	Avg.		Total 2/	Normal 3/	%	Total 2/	Normal 3/	%
	Degrees				In.	Inches		Normal	Inches	
NORTHWEST										
Drummond	100	35	69	0.02	4.83	5.23	92	8.75	9.74	90
Hamilton	97	47	73	0.08	5.77	4.97	116	10.34	10.88	95
Kalispell	95	37	70	0.00	5.07	6.33	80	11.48	14.12	81
Libby	M	M	M	M	M	M	M	M	M	M
Missoula	100	45	74	0.00	6.82	5.37	127	11.45	11.10	103
Polson	94	45	70	0.17	5.87	6.51	90	11.02	12.94	85
Superior	100	43	73	0.14	6.89	5.38	128	12.24	13.69	89
Thompson Falls	M	M	M	M	M	M	M	M	M	M
West Glacier	94	41	70	0.02	M	M	M	M	M	M
NORTH CENTRAL										
Chester	97	43	71	0.34	4.39	5.49	80	5.72	7.87	73
Choteau	93	39	66	0.13	M	M	M	7.26	7.36	99
Conrad	M	M	M	M	M	M	M	M	M	M
Cut Bank	98	46	70	0.05	4.07	6.47	63	4.74	8.91	53
Ft. Benton	96	46	73	0.00	M	M	M	M	M	M
Gold Butte	97	41	69	0.10	6.49	6.70	97	9.88	9.82	101
Harlem	100	47	73	0.16	6.29	5.88	107	9.35	8.34	112
Havre	103	49	73	0.12	7.02	5.44	129	8.06	8.55	94
Malta	99	52	74	0.75	7.09	6.70	106	10.63	9.65	110
Shelby	95	46	70	0.02	2.64	6.35	42	4.40	8.88	50
Turner	93	50	70	0.20	9.63	5.92	163	13.93	8.17	171
Valier	94	48	69	0.30	4.72	6.52	72	6.71	8.83	76
NORTHEAST										
Culbertson	94	55	74	0.88	6.05	7.08	85	9.50	9.76	97
Glasgow	97	51	73	0.05	7.51	5.65	133	10.06	8.20	123
Glendive	100	55	79	0.90	7.09	6.74	105	9.78	9.94	98
Jordan	99	48	74	0.33	M	M	M	M	M	M
Plentywood	89	55	72	0.00	M	M	M	M	M	M
Scobey	92	47	69	0.00	7.17	6.74	106	11.13	9.00	124
Sidney	96	55	75	0.05	5.39	7.06	76	9.29	10.53	88
Wolf Point	95	49	72	0.07	6.84	6.06	113	10.76	8.70	124
CENTRAL										
Cascade	M	M	M	M	M	M	M	M	M	M
Flatwillow	102	41	72	0.06	5.18	6.95	75	12.04	10.41	116
Great Falls	99	40	72	0.00	7.37	6.97	106	8.42	11.36	74
Harlowton	97	43	70	0.40	6.17	7.18	86	8.57	10.53	81
Helena	99	48	75	0.03	5.86	5.24	112	7.55	8.37	90
Lewistown	96	42	70	0.02	6.57	8.38	78	10.20	13.63	75
Melstone	M	M	M	M	M	M	M	M	M	M
Roundup	102	47	75	0.12	5.04	6.68	75	7.73	9.94	78
Stanford	95	43	69	0.00	7.11	8.41	85	11.43	12.85	89
White Sulphur Spr	90	42	68	0.10	6.93	6.51	106	9.00	10.10	89
SOUTHWEST										
Anaconda	97	39	70	0.14	6.74	5.73	118	11.40	10.12	113
Belgrade	95	42	70	0.01	7.91	6.95	114	10.57	11.60	91
Bozeman MSU	92	46	70	0.00	8.95	8.92	100	15.58	15.36	101
Butte	90	39	68	0.34	6.10	5.92	103	7.57	9.67	78
Dillon	93	43	71	0.04	6.19	5.99	103	7.52	8.86	85
Ennis	92	44	71	0.07	4.78	6.52	73	9.32	10.41	90
Wisdom	90	34	62	0.03	5.83	5.16	113	9.75	9.21	106
SOUTH CENTRAL										
Billings	99	57	77	0.00	6.11	6.81	90	9.74	12.00	81
Gardiner	97	50	75	0.00	5.30	4.32	123	6.71	7.49	90
Hardin	102	53	77	0.10	5.07	5.64	90	8.09	9.63	84
Livingston	97	43	70	0.00	6.69	7.71	87	9.42	12.18	77
Rapelje	99	47	73	0.05	5.64	7.23	78	8.77	11.91	74
Red Lodge	91	44	68	0.12	6.19	10.33	60	8.92	19.52	46
SOUTHEAST										
Baker	97	51	74	0.36	5.39	7.28	74	8.61	11.02	78
Broadus	100	55	78	0	4.97	6.86	72	7.51	10.96	69
Ekalaka	97	50	75	0.00	3.13	8.74	36	7.48	13.6	55
Miles City	101	55	78	0.00	3.72	6.89	54	5.98	10.41	57

1/ Data from National Weather Service. 2/ May be revised weekly. 3/ For period 1971-2000. M-More than 25% of reporting days are missing.

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